AMENDMENTS OF CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

- 1. (Currently amended) A particle derivative of at least one form of high density lipoprotein particle comprising apolipoprotein A-1 and phospholipids wherein the particle derivative is formed by obtaining a mixture of high density lipoprotein particles and low density lipoprotein particles from a biological fluid, and exposing a the mixture of the high density lipoprotein and low density lipoprotein to a lipid removing agent, wherein the exposure does not substantially modify the low density lipoprotein particles, and wherein the particle derivative has a lower content of at least one of lipid or cholesterol than the high density lipoprotein particles prior to exposure to the lipid removing agent.
- 2. (Currently amended) The particle derivative of claim 1, wherein the particle derivative has a lower content of cholesterol than the high density lipoprotein particles prior to exposure to the lipid removing agent.
 - 3. (Cancelled)
- 4 (Previously Presented) The particle derivative of claim 1, wherein the lipid removing agent is an ether or a combination of an alcohol and an ether.
- 5. (Previously Presented) The particle derivative of claim 4, wherein the ether is di-isopropyl ether.
- 6. (Previously Presented) The particle derivative of claim 4, wherein the alcohol is n-butanol.
- 7. (Previously Presented) The particle derivative of claim 1, wherein the lipid removing agent is a mixture of sevoflurane and n-butanol.

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- 8. (Currently amended) The particle derivative of claim 1, wherein the exposure is achieved by an exposure process comprising the steps of:
- a. mixing the lipid removing agent with a the mixture of the high density lipoprotein <u>particles</u> and the low density lipoprotein <u>particles</u> to create a mixture of the particle derivative, lipids, the lipid removing agent, and the low density lipoprotein <u>particles</u>;
- b. separating the lipid removing agent and lipids from the mixture of the particle derivative, the lipids, the lipid removing agent, and the low density lipoprotein particles; and,
 - c. collecting the particle derivative and low density lipoprotein particles.
- (Previously Presented) The particle derivative of claim 8, wherein the lipid removing agent comprises a mixture of 95 parts sevoflurane and 5 parts n-butanol.
- 10. (Previously Presented) The particle derivative of claim 8, wherein the mixing is performed using a static mixer.
- 11. (Previously Presented) The particle derivative of claim 8, wherein the separation is performed using a charcoal column.
- 12. (Currently amended) The particle derivative of claim 8, further comprising the steps of:
 - connecting a patient to a device for withdrawing blood;
 - b. withdrawing blood containing blood cells from the patient;
 - c. separating blood cells from the blood to yield a fraction wherein the fraction contains a mixture of the high density lipoprotein particles and the low density lipoprotein particles; and,
 - d. mixing the lipid removing agent with the fraction.
- 13. (Currently amended) A particle derivative of at least one form of high density lipoprotein particle comprising apolipoprotein A-1 and phospholipids wherein the particle derivative is formed by first removing separating low density lipoprotein particles

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from a mixture of the high density lipoprotein <u>particles</u> and the low density lipoprotein <u>particles</u> and subsequently exposing the mixture to a lipid removing agent.

- 14. (Currently amended) The particle derivative of claim 13, wherein the particle derivative has a lower content of cholesterol than the high density lipoprotein particles.
- 15. (Previously Presented) The particle derivative of claim 13, wherein the lipid removing agent is an ether or a combination of an alcohol and an ether.
- 16. (Previously Presented) The particle derivative of claim 15, wherein the ether is di-isopropyl ether.
- 17. (Previously Presented) The particle derivative of claim 15, wherein the alcohol is n-butanol.
- 18. (Previously Presented) The particle derivative of claim 13, wherein the lipid removing agent is a mixture of sevoflurane and n-butanol.
- 19. (Currently amended) The particle derivative of claim 13, wherein the exposure is achieved by an exposure process comprising the steps of:
 - a. separating the low-density lipoprotein from a mixture of the high density lipoprotein and the low density lipoprotein particles:
 - b. a. mixing the lipid removing agent with the high density lipoprotein particles to create a mixture of the particle derivative, lipids, and the lipid removing agent;
 - e. b. separating the lipid removing agent and lipids from the mixture of the particle derivative, the lipids, and the lipid removing agent; and,
 - d. c. collecting the particle derivative.

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- 20. (Previously Presented) The particle derivative of claim 19, wherein the lipid removing agent comprises a mixture of 95 parts sevoflurane and 5 parts n-butanol.
- 21. (Currently amended) The particle derivative of claim 19, wherein the separation of the low density lipoprotein <u>particles</u> is performed using an apheresis device.
- 22. (Previously Presented) The particle derivative of claim 19, wherein the mixing is performed using a static mixer.
- 23. (Previously Presented) The particle derivative of claim 19, wherein the separation of the lipid removing agent and the lipids is performed using a charcoal column.
- 24. (Currently amended) The particle derivative of claim 19, further comprising the steps of:
 - a. connecting a patient to a device for withdrawing blood;
 - b. withdrawing blood containing blood cells from the patient; and,
 - c. separating blood cells from the blood to yield a fraction wherein the fraction contains a mixture of the high density lipoprotein particles and the low density lipoprotein particles.

25-72. (Cancelled)

- 73. (New) The particle derivative of claim 1, wherein the particle derivative has a lower content of lipid than the high density lipoprotein particles prior to exposure to the lipid removing agent.
- 74. (New) The particle derivative of claim 1, wherein the particle derivative further comprises apolipoprotein A-2.

15. (New) A particle derivative of at least one form of high density lipoprotein particle comprising apolipoprotein A-1, apolipoprotein A-2 and phospholipids, wherein the particle derivative is formed by obtaining a mixture of high density lipoprotein particles and low density lipoprotein particles from a biological fluid, exposing the mixture of the high density lipoprotein particles and low density lipoprotein particles to a lipid removing agent, wherein the exposure does not substantially modify the low density lipoprotein particles, and wherein the particle derivative has a lower content of at least one of lipid or cholesterol than the high density lipoprotein particles prior to exposure to the lipid removing agent.